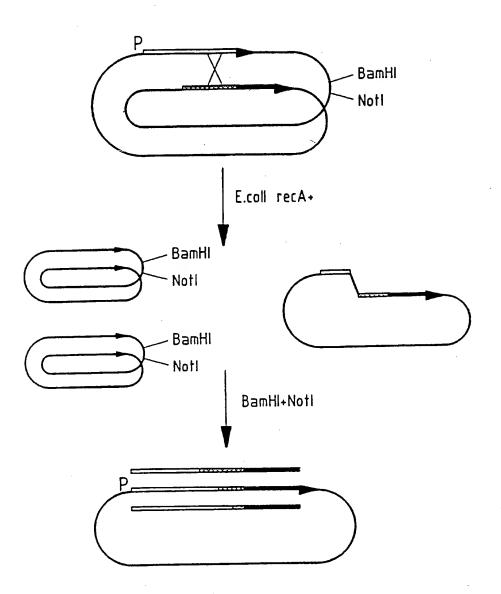
FIG. 1



4

FIG. 2

CrylE-CrylC HYBRIDS

Domain G27 ↓ → III	HSATNTHTINPDIITOIPLUKGFRLGGGTS RLD.ER.NUW	H13 H7	H17	1 FEEEYDLERAQK (615) A.S (638)
nlamod 11	Cryle (420) ugtshrishutitrsiyntnitsiptfumth Crylc (423) e	H13 H7 Cryle (525) SRDARITUALGGQIRUDMTLEXTMEIGESLTSRTFSYTNFSKRAPDIIRIA Cryle (528)UI.LT.AASTGUGUS.N.P.Q	H8	H21 EELPIRGGELVIDKIELILADATFEEEYDLERAQK QPLFGAGS.SSA.SA.S

= loop 111

= 13 sheet

FIG. 3

) -

くこうロン	クロと		
֜֝֜֝֜֜֜֝֝֜֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֝֡֝֝֝֝֡֝֝֝			
	<u>-</u> رد	•	
ċ	ל		

Domain F26	→III ↓ RSATLTNTIOPERINQIPLU HNN.DI.T	
FS9 F71 Domai	CrylC (423) egyshrichatfugrsqtpfittguufswth RSAT CrylE (420) vs.v.Itrslyntni.slpt.v H	
	CryIC (423) CryIE (420)	

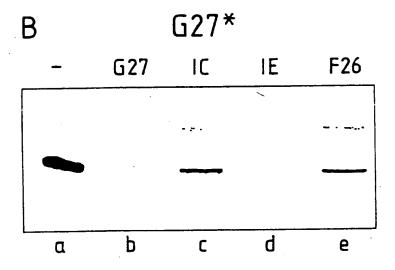
CryIC (528) SRDARVIULTGAASTGUGGQUSUNMPLOKTMEIGENLTSRTFRYTDFSNPFSF CryIE (525)IT.AIIR.D.I.ESSN
(528) (525)
Cry1C Cry1E

DFUSL QUNINSPI	
KGFRUWGGTSUITGPGFTGGDILRRNTFGDFUSLQUNINSPITQRYRLRFRYAS	

E7

\$\text{\lambda}\$
\$\text{TRANPDIIGISEQPLFGAGSISSGELYIDKIEIILADATFEAESDLERAQK} (630)
\$\text{\lambda}\$
\$\text{\lambda}\$.----ELP.RG \text{\lambda}\$. (615)

FIG. 4



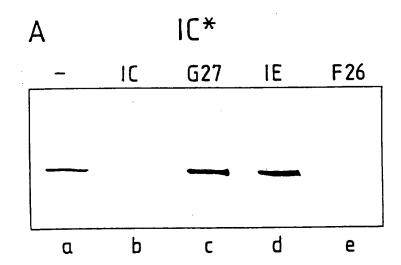


FIG. 5

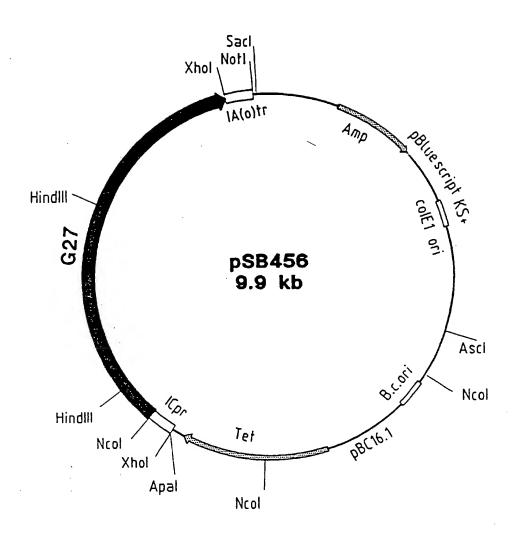


FIG. 6A

	1520	1530	1540	1550	1560	1570		
	*	*	*	*	*	*		
CRYIGTOX	AAAAG!	CTGGCTCG:	raacaatacc	ATTAATCCA	GATAGAATTA	CACAGATACCAT	rgacg	
	• • • • • • • • • • • • • • • • • • • •			::: :::::	* * * * * * * * * * * * * * * * * * * *	:: ::::: ::	: :	
CRYICTOX	CGTAG	CGTAGTGCAACTCTTACAAATACAATTGATCCAGAGAGAATTAATCAAATACCTTTAGTG						
				1	j	1		
Hybrid HK2	8-			-12	-1	-24		
	•							
FIG. 6B								
	49	0	500	510	520	530		
		*	* #	*	*	*		
CRYIGTOX	GGL	RQVASNRRS	SLVMYGWT	KSLARŃN	TINPDRITQI	PLTKVDTRGTO	¥V	
	:		: :::	:::::	:: :: ::	:::	;	
CRYICTOX	TG		VVFSWTF	RSATLTN	IDPERINO	PLVKGFRVWG	3T	
					1 1	1		
Hybrid HK	28-				-12 -1 -	24		

FIG. 7

